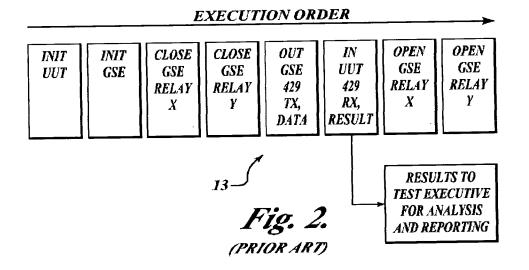
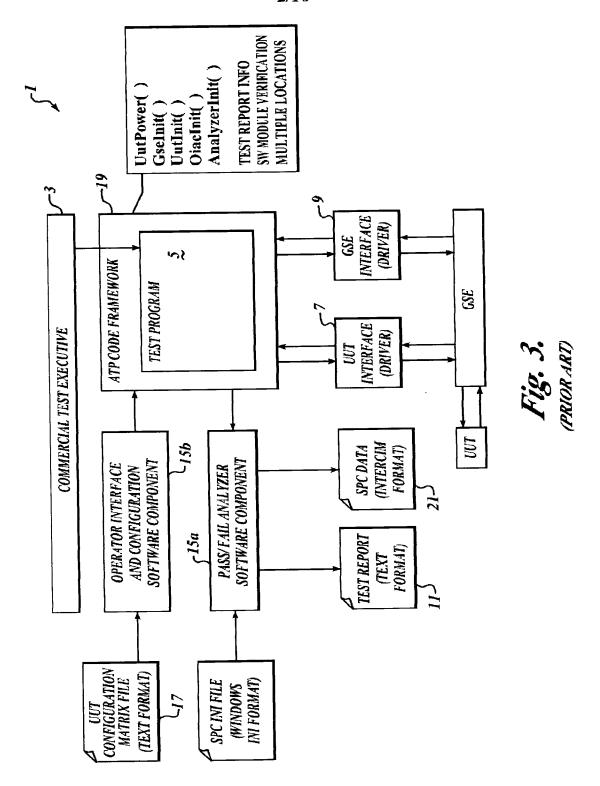


Fig. 1.





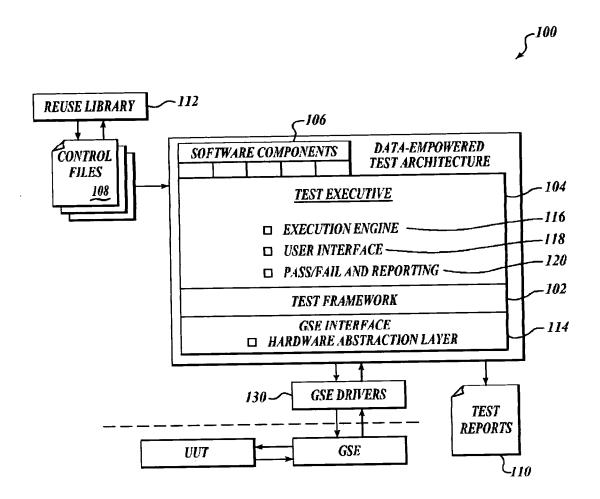


Fig. 4.

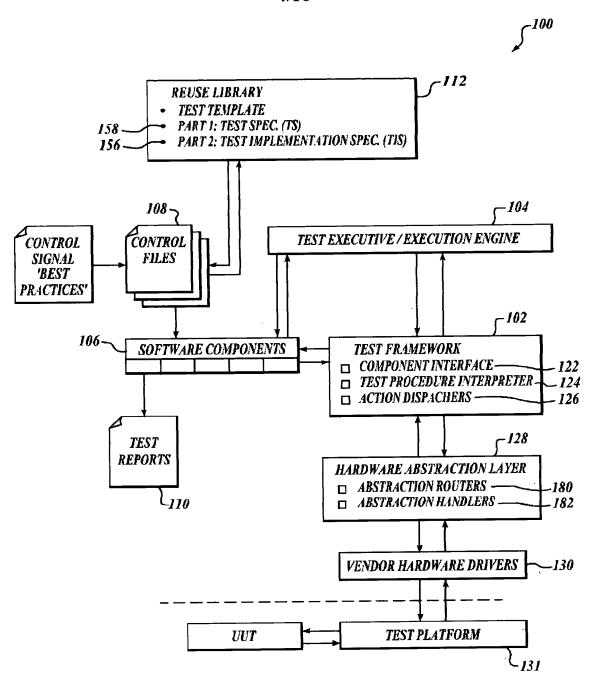


Fig. 5.

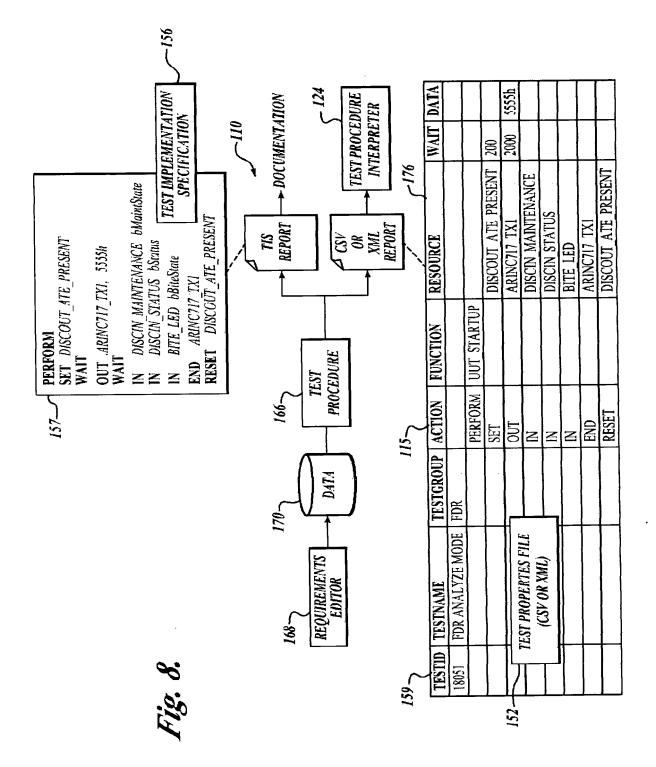
Fig. 6.

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XML)

	5-157
THE TABLE BELOW LISTS THE SIG	GNALS USED IN THIS SECTION.
UUT SIGNAL DATA 160 SIGNAL NAME FDR MAINTENAN FDR STATUS FDR DATA OUTPU ATE PRESENT	CE FAULT MAIN-24 DISCIN_MAINTENANCE MAIN-36 DISCIN_STATUS
SHOULD SET THE FOR MAINTENANCE	F MODE OF THE UUT. DURING THIS MODE, THE UUT CE AND FDR STATUS DISCRETE OUTPUTS TO FAULT AND CHECKS FOR THESE OUTPUTS DURING ANALYZE MODE.
SUBASSEMBLY: 10 CARD (A2) SRU TEST ID: 18051 TEST ID TEST GROUP: FDR ANALYZE MODE TEST PROCEDURY PERFORM UUT_STARTUP() SET DISCOUT ATE PRESENT	-159
WAIT 2000 OUT ARINC717_TXI, 5555h WAIT	// WAIT FOR UUT TO SWITCH MODES (200mS) // TRANSMIT SOME DATA // ALLOW SOME TIME FOR DATA TRANSMISSION
IN DISCIN_MAINTENANCE bMaint. IN DISCIN_STATUS bStatus IN BITE_LED bBiteState VERIFY bMaintState = OPEN	State // READ MAINTENANCE FAULT DISCRETE // READ STATUS DISCRETE // READ BITE LED STATE (FROM OPERATOR) // FAULT
VERIFY bStatus = GROUND VERIFY bBiteState = ON	#FAULT 166 TEST PROCEDURE
END ARINC717_TX1 RESET DISCOUT_ATE_PRESENT	// STOP 717 TRANSMIT // SET THE UUT TO 'ANALYZE' MODE

Fig. 7.



PERFORM	// APPLY POWER AND INITIALIZE THE UUT // SET THE UUT TO 'RECORD' MODE
SET DISCOUT_ATE_PRESENT WAIT	# WAIT FOR UUT TO SWITCH MODES (200mS)
OUT ARINC717_TX1, 5555h	// TRANSMIT SOME DATA
WAIT	// ALLOW SOME TIME FOR DATA TRANSMISSION
IN DISCIN MAINTENANCE bMaintState	// READ MAINTENANCE FAULT DISCRETE
IN DISCIN STATUS bStatus	// READ STATUS DISCRETE
IN BITE LED bBiteState	# READ BITE LED STATE
VERIFY bMaintState = OPEN	// FAULT
VERIFY bStatus = GROUND	// FAULT
VERIFY bBiteState = ON	// FAULT
END ARINC717 TX1	// STOP 717 TRANSMIT
RESET DISCOUT ATE PRESENT	// SET THE UUT TO 'ANALYZE' MODE

Fig. 9.

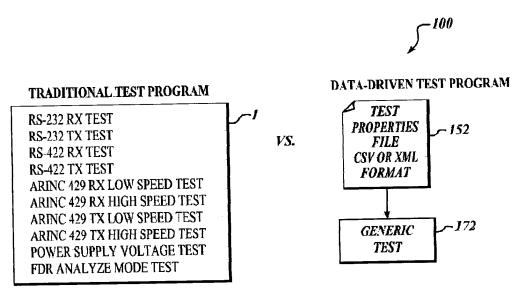
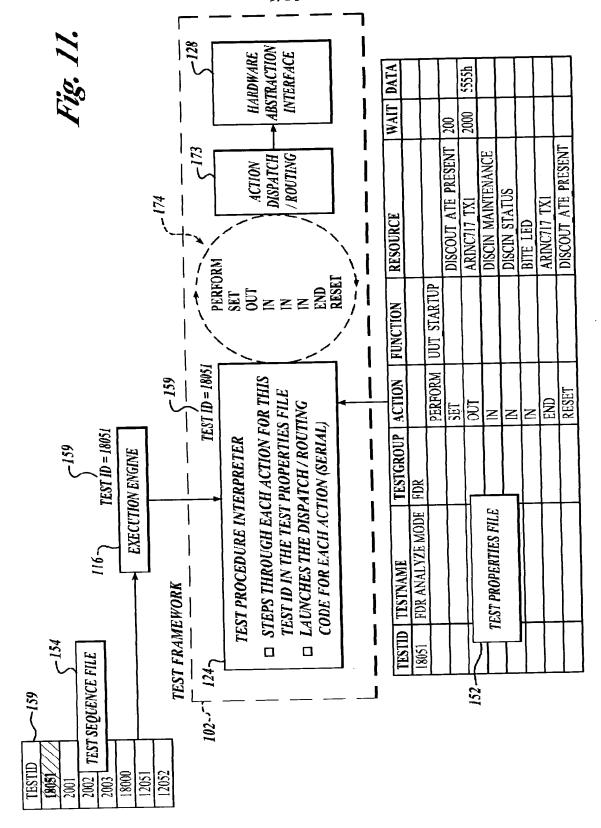
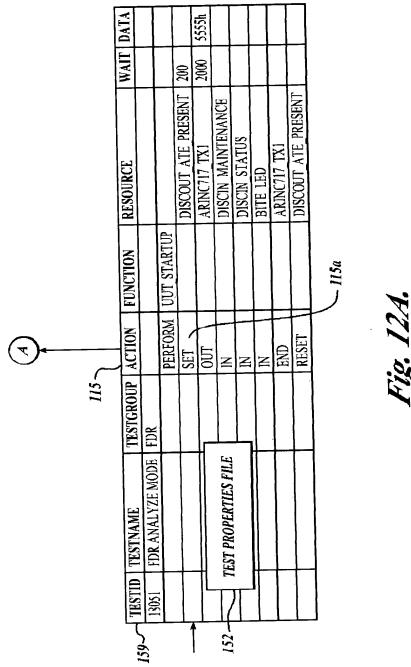


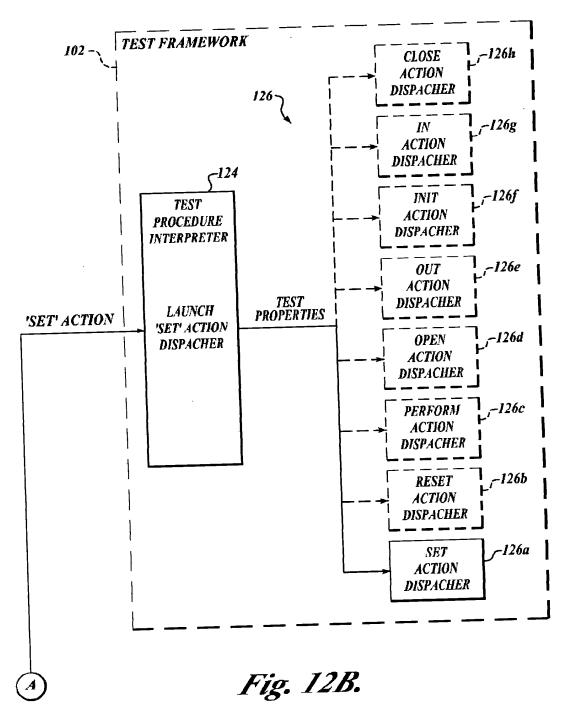
Fig. 10.

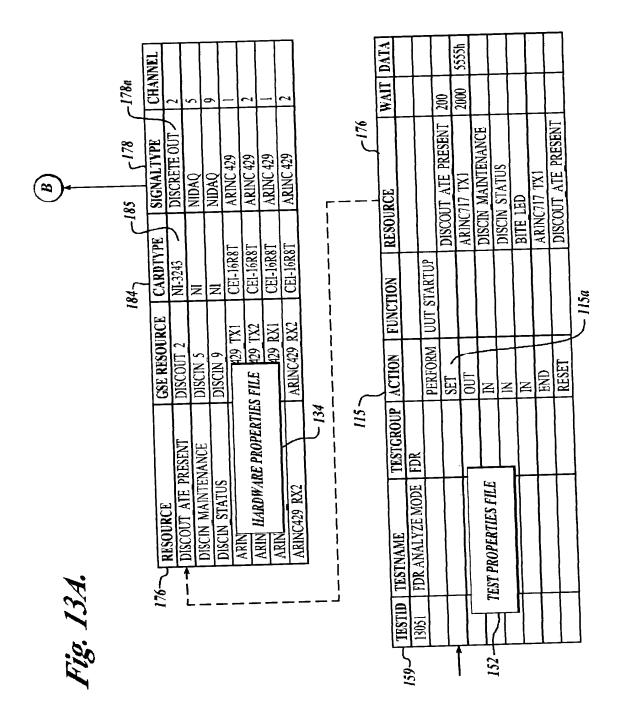


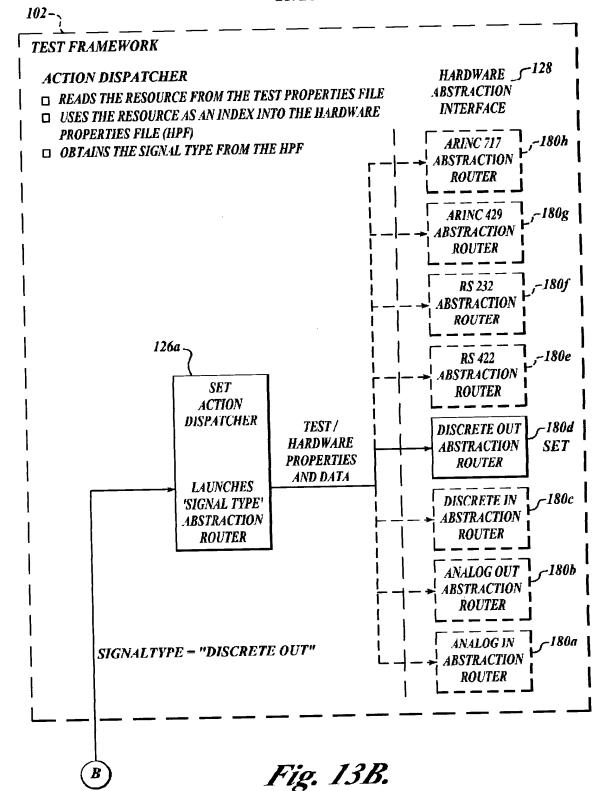


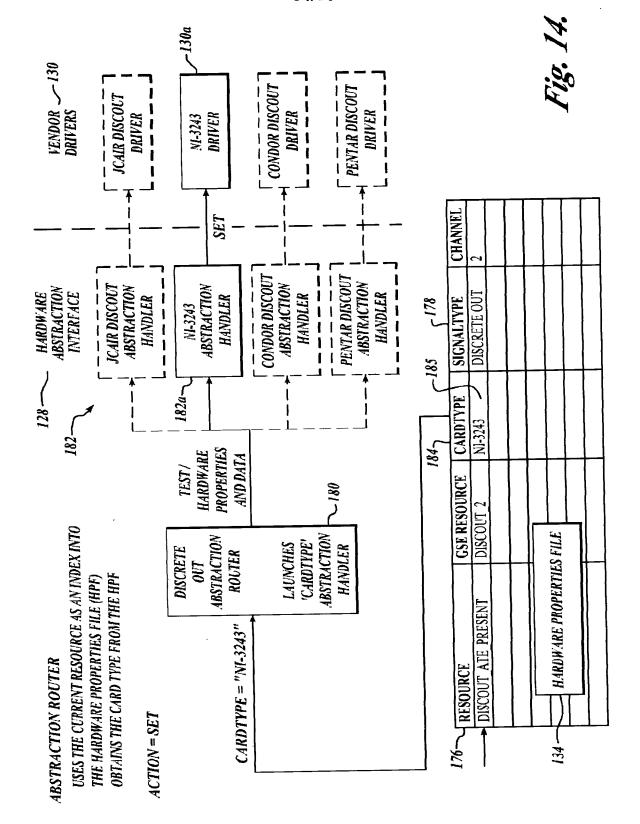
TEST PROCEDURE STEPS:

SET DISCOUT_ATE_PRESENT WAIT 200









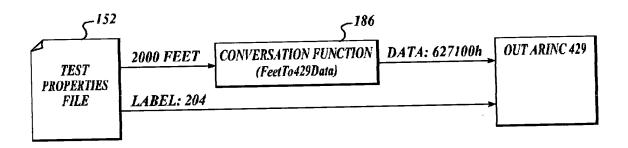


Fig. 16.